



ALL-TERRAIN ROBOTIC DEVELOPMENT PLATFORM FOR RAPID PROTOTYPING

Warthog is a large all-terrain unmanned ground vehicle capable of traveling on land and in water. It can handle tough environments with its rugged

build, low ground pressure, and traction tires, which allow effortless mobility through soft soils, vegetation, thick muds, and steep grades.

RUGGED & VERSATILE

Warthog is engineered to go where no other robot can. Its rugged, lightweight steel and aluminum build gives it low ground pressure and traction to tackle all types difficult terrains. With built-in bilge pumps and an IP rating of 65, Warthog is fully amphibious and weather-proof, capable of moving through water at speeds up to 4 km/hr.

ROS READY

Warthog comes with the open-source Robot Operating System (ROS) preinstalled and configured. Rich demos and tutorials are provided, along with a 3D simulation model for Gazebo to help you get started quickly and hassle-free.

DESIGNED FOR RAPID CUSTOMIZATION

When research changes, so should your hardware. Integrate third-party sensors and manipulators quickly and easily with flexible payload mounting, easy to access power and reconfigurable I/O. Mobile robot prototyping has never been faster or easier.

SPECIFICATIONS

DIMENSIONS (LxWxH)	1.52 x 1.38 x 0.83 m 4.9 x 4.5 x 2.72 ft	OPERATING TIME	Lead acid: 2.5 hrs Li-ion: 3 hrs	COMMUNICATION	Ethernet, USB, Remote Control, Wi-Fi
WEIGHT	590 kg 1300 lbs	BATTERY	105 Ah at 48 V, expandable to 110Ah	STEERING MODE	Differential
PAYLOAD	272 kg 600 lbs	USER POWER	5 V, 12 V Fused 24 V, 48 V Optional	OPERATING AMBIENT TEMPERATURE	-20 to 40 °C -4 to 104 °F
MAXIMUM SPEED	18 km/h 11 mph	CHARGE TIME	4 hrs	COMMUNICATION	-40 to 50 °C -40 to 122 °F
MAX. INCLINE	35 - 45°	CLEARANCE	254 mm 10 in	IP-RATING	IP65